

PTO 1449
INFORMATION DISCLOSURE STATEMENT

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Atty Dkt: 07512.110

Serial No. 09/976,362

Title: **Methods for the Electronic Annotation,
Retrieval and Use of Digital Images**

Applicant: **Shneiderman, B.A.**

Filing Date:
October 15, 2001

Group

U.S. PATENT DOCUMENTS

Examiner's Initial		Patent Number	Date	Name	Class	Sub- Class	Filing Date
SL	AA2	5,751,286	12 May 1998	Barber et al.	345	348	24 Jan 1997
SL	AB3	5,757,466	26 May 1998	Lee et al.	355	39	30 Jan 1996
SL	AC3	5,845,288	1 Dec 1998	Syeda-Mahmood	707	102	11 Dec 1995
SL	AD2	5,873,080	16 Feb 1999	Coden et al.	707	3	26 Mar 1997
SL	AE2	5,899,999	4 May 1999	De Bonet	707	104	16 Oct 1996
SL	AF2	5,911,139	8 Jun 1999	Jain et al.	707	3	28 Mar 1997
SL	AA3	6,014,581	11 Jan 2000	Whayne	600	523	26 Mar 1998
SL	AB3	6,111,586	29 Aug 2000	Ikeda et al.	345	433	19 Feb 1997
SL	AC3	6,112,215	29 Aug 2000	Kaply	707	507	24 Sep 1998
SL	AD3	6,154,755	28 Nov 2000	Dellert et al.	707	526	31 Jul 1996
SL	AE3	6,172,676	9 Jan 2001	Wood	345	346	17 Jul 1998

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub- Class	Translation Yes/No

OTHERS, including Author, Title, Date, Pertinent Pages, etc.

SL	AR5	Jia Li., Catherine Plaisant, Ben Shneiderman, "Data Object and Label Placement for Information Abundant Visualizations" Workshop on New Paradigms in Information Visualization and Manipulation (NPIV'98), ACM, New York, 41-48, 1998
SL	AS5	John Lamping, Ramana Rao, and Peter Pirolli, "A Focus + Context Technique Based On Hyperbolic Geometry For Visualizing Large Hierarchies", Proceedings of ACM CHI95 Conference on Human Factors in Computing Systems, New York, 401-408, 1995
SL	AT5	John Unsworth, "11.0661 Image Annotation Software, 1998
SL	AR6	R. Chellappa, C.L. Wilson and S. Sirohey, "Human and Machine Recognition of Faces: A Survey" <i>Proceedings of the IEEE</i> , Vol. 83, pp. 705-740, May 1995
	AS6	Rohini K. Srihari, "Use of Multimedia Input in Automated Image Annotation and Content-Based Retrieval (1995)
SL	AT6	Rui, et al. (1999); "Image Retrieval: "Current Techniques Promising Directions and Open Issues," http://citeseer.nj.nec.com/384715.html),
SL	AR7	Smith, J.R. et al., "Tools and Techniques for Color Image Retrieval, IS&T/SPIE Proceedings Vol. 2670, Storage & Retrieval for Image databases IV (1995)
SL	AS7	VisualSEEK Computer Program developed by Dr. John R. Smith, Columbia University (http://www.ctr.columbia.edu/~jrsmith/html/pubs/acmmm96/acm.html)
SL	AT7	GIADAscan internet printout (1996)
SL	AR8	FAO Photofile Archive

Examiner:

Date Considered

6/23/04

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U.S. PATENT DOCUMENTS							
Examiner's Initial	Patent Number	Date	Name	Class	Sub-Class	Filing Date	
<i>SL</i>	AA1	5,142,662	Gump et al.	395	100	25 Aug 1992	
<i>SL</i>	AB1	5,404,435	Rosenbaum	395	147	2 Feb 1994	
<i>SL</i>	AC1	5,493,677	Balogh et al.	395	600	8 Jun 1994	
<i>SL</i>	AD1	5,579,471	Barber et al.	395	326	23 Mar 1994	
<i>SL</i>	AE1	5,640,553	Schultz	395	605	15 Sep 1995	
<i>SL</i>	AF1	5,689,717	Pritt	395	773	7 Feb 1996	

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<i>SL</i>	AL1	WO00046695A1	10 Aug 2000	PCT	G06F	17/30	
<i>SL</i>	AM1	EP00938227A2	6 Sep 2000	EPO	H04N	1/21	
<i>SL</i>	AN1	EP01006464A2	7 Jun 2000	EPO	G06F	17/30	

OTHERS, including Author, Title, Date, Pertinent Pages, etc.		
<i>SL</i>	AR1	(PhotoFinder 2.2 software developed by Dr. Ben A. Shneiderman (http://www.cs.umd.edu/hcil/photolib/))
<i>SL</i>	AS1	Allan Kuchinsky, Celine Pering, Michael L. Creech, Dennis Freeze, Bill Serra, Jacek Gwizdka, "FotoFile: A Consumer Multimedia Organization and Retrieval System", <i>Proceedings of ACM CHI99 Conference on Human Factors in Computing Systems</i> , 496-503, 1999).
<i>SL</i>	AT1	Ben A. Shneiderman, "User Interfaces for Photo Libraries: Facilitating Web-based Story Telling with Annotations and Captions," http://www.cs.umd.edu/users/bcn/
<i>SL</i>	AR2	Ben Shneiderman et al., Direct Annotation: A Drag-and-Drop Strategy for Labeling Photos (2000)
<i>SL</i>	AS2	Bill N. Schilit, Gene Golovchinsky, and Morgan N. Price, "Beyond Paper: Supporting Active Reading with Free Form Digital Ink Annotations," <i>Proceedings of ACM CHI 98 Conference on Human Factors in Computing Systems</i> , v.1 249-256, 1998
<i>SL</i>	AT2	Chang, S.-F. et al. (1997), "Visual Information Retrieval from Large Distributed On-line Repositories," http://citeseer.nj.nec.com/chang97visual.html)
<i>SL</i>	AR3	E. Imhof, "Positioning Names on Maps", <i>The American Cartographer</i> , 2, 128-144, 1975;
<i>SL</i>	AS3	Internet cite http://chaos1.hypermart.net/egypt/tac.html
<i>SL</i>	AT3	J. Christensen, J. Marks, and S. Shieber, "An Empirical Study Of Algorithms For Point-Feature Label Placement", <i>ACM Transactions on Graphics</i> 14, 3, 203-232, 1995
<i>SL</i>	AR4	J. S. Doerschler and H. Freeman, "A Rule-Based System For Dense-Map Name Placement", <i>Communications Of The ACM</i> 35, 1, 68-79, 1992
<i>SL</i>	AS4	J. Stewart, B. B. Bederson, & A. Druin, "Single Display Groupware: A Model for Co-Present Collaboration.", <i>Proceedings of ACM CHI99 Conference on Human Factors in Computing Systems</i> , 286-293, 1999
<i>SL</i>	AT4	Jean-Daniel Fekete Catherine Plaisant, "Excentric Labeling: Dynamic Neighborhood Labeling for Data Visualization," <i>Proceedings of ACM CHI99 Conference on Human Factors in Computing Systems</i> , 512-519, 1999

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